JOB DESCRIPTION FOR CIMAS ASSISTANT SCIENTIST
Position 044360

Introduction

This position is situated in the Cooperative Institute for Marine and Atmospheric Studies (CIMAS) at the University of Miami Rosenstiel School of Marine and Atmospheric Science (RSMAS). The research is concerned with observational studies designed to improve our understanding of ocean variability. The research will involve close collaboration with scientists at RSMAS and the NOAA Atlantic Oceanographic and Meteorological Laboratory (AOML). It is expected to blend naturally with ongoing efforts at AOML, and in particular the climate goals of NOAA.

Research Situation

The successful candidate will be responsible for devising and conducting research projects to investigate global, basin-scale, or regional processes relevant to oceans and climate and utilize data from the networks operated by NOAA's Global Ocean Observing System (GOOS) program. He or she will also be responsible for developing the necessary software for analyzing scientific data, presenting findings at scientific meetings, publishing results in scientific journals, and seeking funding through proposals.

Supervision Received

The incumbent will be responsible for working with minimal supervisory oversight, and will periodically report to the Director of CIMAS on the progress of their work. The incumbent will derive technical guidance regarding his/her work through interactions with colleagues at AOML and RSMAS. Concepts will be developed, clarified and refined primarily by peer discussion within and outside CIMAS. Research results will be reviewed by the CIMAS Director for completeness and clarity prior to publication in order to ensure compliance with UM, CIMAS, and AOML policies. The Director of CIMAS retains responsibility for discussions relating to investments of resources related to the work. The incumbent shall provide results of his/her work for inclusion in CIMAS reports and proposals as required by the Director and in the format specified by the Director.

Guidelines and Originality

A high degree of originality is required to identify productive lines of research. The successful candidate will be expected to function as an independent scientist in exchanging concepts with other scientists throughout the community and in adapting new concepts. It is expected that they will interact strongly with AOML and RSMAS scientists in an effort to bring a wide range of experience and resources to bear on the solution of identified research problems.

Qualifications

The successful candidate must have command of oceanographic data analysis, excellent computational skills, and have good communication skills. Applicants must have a Ph.D. in physical oceanography or a related field and at least two years of post-doctoral experience. Knowledge of planning and executing research in the field and ability to carry analysis of a wide variety of oceanographic data sets is required.